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1  -- Création des types ENUM
2  CREATE TYPE role_enum AS ENUM ('ADMIN', 'MEMBER', 'OBSERVER');
3  CREATE TYPE task_status_enum AS ENUM ('TODO', 'IN_PROGRESS', 'DONE');
4  CREATE TYPE task_priority_enum AS ENUM ('LOW', 'MEDIUM', 'HIGH');
5
6  -- Table User
7  CREATE TABLE "User" (
8      id UUID PRIMARY KEY,
9      username VARCHAR(255) NOT NULL UNIQUE,
10     email VARCHAR(255) NOT NULL UNIQUE,
11     password VARCHAR(255) NOT NULL,
12     created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
13 );
14
15 -- Table Project
16 CREATE TABLE "Project" (
17     id UUID PRIMARY KEY,
18     name VARCHAR(255) NOT NULL,
19     description TEXT,
20     start_date DATE,
21     owner_id UUID REFERENCES "User"(id),
22     created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
23 );
24
25 -- Table ProjectMember
26 CREATE TABLE "ProjectMember" (
27     id UUID PRIMARY KEY,
28     user_id UUID REFERENCES "User"(id),
29     project_id UUID REFERENCES "Project"(id),
30     role role_enum NOT NULL
31 );
32
33 -- Table Task
34 CREATE TABLE "Task" (
35     id UUID PRIMARY KEY,
36     title VARCHAR(255) NOT NULL,
37     description TEXT,
38     status task_status_enum NOT NULL,
39     priority task_priority_enum NOT NULL,
40     deadline DATE,
41     end_date DATE,
42     project_id UUID REFERENCES "Project"(id),
43     assignee_id UUID REFERENCES "User"(id),
44     created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
45 );
46
47 -- Table TaskHistory
48 CREATE TABLE "TaskHistory" (
49     id UUID PRIMARY KEY,
50     task_id UUID REFERENCES "Task"(id),
51     changed_by UUID REFERENCES "User"(id),
52     change_log TEXT NOT NULL,
53     changed_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
54 );
55
56 -- Table Notification
57 CREATE TABLE "Notification" (
58     id UUID PRIMARY KEY,
59     user_id UUID REFERENCES "User"(id),
60     task_id UUID REFERENCES "Task"(id),
61     message TEXT NOT NULL,
62     is_read BOOLEAN DEFAULT FALSE,
63     created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
64 );
65
66 -- Insertion de données de test
67 INSERT INTO "User" (id, username, email, password) VALUES
68 (gen_random_uuid(), 'admin', 'admin@example.com', 'hashed_password'),
69 (gen_random_uuid(), 'jane', 'jane@example.com', 'hashed_password'),
70 (gen_random_uuid(), 'john', 'john@example.com', 'hashed_password');
71

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